

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An automotive window regulator system comprising:
a guide rod ~~having a linear axis~~ defining a central axis extending in a vertical direction,
said guide rod adapted for rotating about said central axis;
a runner ~~connected to the rod for movement therealong between a first position and a~~
~~second position~~ including a body portion and a pair of trunnions, said runner drivingly engaged
with said guide rod and moving in said vertical direction along said guide rod between a first
position and a second position in response to rotation of said guide rod; and
a window carrier ~~engaged by the runner for movement thereby~~ including a primary
channel extending in said vertical direction and a secondary channel extending in a lateral
direction substantially orthogonal to said vertical direction, said body portion of said runner
disposed in said primary channel preventing rotation of said runner about said central axis and
said trunnions disposed in said secondary channel coupling said runner and carrier for movement
of said carrier with said runner in said vertical direction, said trunnions defining a lateral axis
substantially orthogonal to said central axis;
wherein ~~the runner and carrier are rotatably connected to each other about a rotational~~
~~axis orthogonal to the axis of the rod and translatable with respect to the central axis as the~~
~~runner moves between the~~ said carrier rotates about said lateral axis and translates in a horizontal
direction substantially orthogonal to said vertical and lateral directions in response to moving
said runner between said first and second positions, whereby rotational and translational
movement of said carrier permits to permit nonparallel movement of [[the]] said carrier with
respect to the rod said central axis as [[the]] said runner moves between [[the]] said first and
second positions.

2. (Currently Amended) A system according to claim 1, including an arcuate window mounted to said carrier, said window having a radius of curvature, ~~[[and]]~~ said system further ~~comprising~~ including first and second glass run channels, each of said first and second glass run channels having substantially the same radius of curvature of ~~[[the]]~~ said window, into which first and second edges of ~~[[the]]~~ said window are received, ~~[[the]]~~ said glass run channels defining the path of travel of ~~[[the]]~~ said window as ~~[[the]]~~ said runner moves between ~~[[the]]~~ said first and second positions.

3. (Currently Amended) A system according to claim 1, including an arcuate window mounted to said carrier, said window having a radius of curvature, ~~[[and]]~~ said system further ~~comprising~~ including a guide ~~which engages the~~ engaging said carrier, ~~[[the]]~~ said guide having ~~[[a]]~~ substantially the same radius of curvature ~~concentric with the radius of curvature of~~ of ~~[[the]]~~ said window such that ~~[[the]]~~ said carrier guides ~~[[the]]~~ said window along a path coincident with the radius of curvature of ~~[[the]]~~ said window as ~~[[the]]~~ said runner moves between ~~[[the]]~~ said first and second positions.

4-5. (Cancelled)

6. (Withdrawn) A system according to claim 1, wherein the runner and carrier are connected by an arm pivotally connected to each of the runner and carrier.

7. (Currently Amended) A system according to claim 1, wherein ~~[[the]]~~ said guide rod is a straight threaded screw and ~~[[the]]~~ said runner includes a threaded bore threading received onto ~~the rod~~ said screw.

8. (Currently Amended) A system according to claim 7, further ~~comprising~~ including a motor which rotationally drives ~~the rod~~ said screw about ~~[[its]]~~ said central axis to move ~~[[the]]~~ said runner between ~~[[the]]~~ said first and second positions.

9-17. (Cancelled)

18. (Withdrawn) A window regulator according to claim 17, wherein the runner has a slot therein defining the second axis, and a shank pivotally mounts the window carrier to the runner via the slot.

19. (New) A system according to claim 1, wherein said trunnions include an elliptical surface, said elliptical surface bearing on opposing surfaces of said secondary channel.

20. (New) A system according to claim 3, wherein said carrier includes a slider channel extending in said vertical direction, said slider channel slidably engaging said guide.